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COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled LIGHT EMITTING DEVICE, the specification of which:

[] is attached hereto.

[] was filed on _____ as Application Serial No. _____ and was amended on _____
 [] was described and claimed in PCT International Application No. _____ filed
 on _____ and as amended under PCT Article 19 on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
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I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Priority Claimed</u>
Japan	2000-134810	May 8, 2000	[X] Yes [] No [] Yes [] No

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John F. Hayden, Reg. No. 37,640; Scott C. Harris, Reg. No. 32,030; Michael McKeon, Reg. No. 37,888; Linda Liu Kordziel, Reg. No. 39,732; William E. Booth, Reg. No. 28,933; Ruffin B. Cordell, Reg. No. 33,487; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; G. Roger Lee, Reg. No. 28,963; Ralph A.

Combined Declaration and Power of Attorney
Page 2 of 2 Pages

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Address all correspondence to John F. Hayden at:

FISH & RICHARDSON P.C.
601 Thirteenth St., N.W.
Washington, DC 20005

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Kazutaka INUKAI

Inventor's Signature: Kazutaka Inukai Date: 04/25/2001
Residence Address: Kanagawa, Japan
Citizenship: Japanese
Post Office Address: C/O Semiconductor Energy Laboratory Co., Ltd.
398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

JFH/WLH



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RECORDATION DATE: 05/08/2001

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
INUKAI, KAZUTAKA

DOC DATE: 04/25/2001

ASSIGNEE:
SEMICONDUCTOR ENERGY LABORATORY
CO., LTD.
398, HASE ATSUGI-SHI
KANAGAWA-KEN 243-0036, JAPANSERIAL NUMBER: 09850053
PATENT NUMBER:FILING DATE: 05/08/2001
ISSUE DATE:TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

* No Docketing Required *
Reviewed By Practice Systems
Initials: <i>[Signature]</i>
Reviewed By Billing Secretary
Total Time: _____

05-14-2001



Substitute Form PTO-1595
 Attorney Docket No.: 12732-043001
 Client's Ref. No.: US4901

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 09/08/01

Commissioner for Patents: Please record the attached original document(s) or copy(ies).			
<p>1. Name of conveying party(ies): Kazutaka Inukai Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>2. Name and address of receiving party(ies): SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi Kanagawa-ken 243-0036 JAPAN</p>			
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 04/25/01</p>	<p>Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p>4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 04/25/01</p> <table border="0"> <tr> <td>A. Patent Application No(s): 09/850053</td> <td>B: Patent No(s):</td> </tr> </table> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No(s): 09/850053	B: Patent No(s):
A. Patent Application No(s): 09/850053	B: Patent No(s):		
<p>5. Name/address of party to whom correspondence concerning document should be mailed:</p> <p>WILLIAM D. HARE Fish & Richardson P.C. 601 Thirteenth Street, NW Washington, DC 20005</p>	<p>6. Total number of applications/patents involved: 1</p> <p>7. Total fee (37 CFR §3.41): \$40</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account.</p> <p>8. Deposit Account No.: 06-1050</p> <p>Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.</p>		
DO NOT USE THIS SPACE			
<p>9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p> <p>William D. Hare <u>Reg. No. 44,739</u> Name of Person Signing</p> <p><i>William Hare</i> <u>May 8, 2001</u></p>			
Total number of pages including coversheet, attachments and document: 2			

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ASSIGNMENT

For valuable consideration, I, Kazutaka INUKAI of Atsugi, Kanagawa, Japan hereby assign to
Semiconductor Energy Laboratory Co., Ltd., a Japanese corporation having a place of business at:

398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled LIGHT EMITTING DEVICE filed _____, and assigned U.S. Serial Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Signature: Kazutaka Inukai

Name: Kazutaka INUKAI

Date: 04/25/2001